

KOWALCZUK, Jerzy; STOPKA, Tadeusz

The magnetic method applied in archaeological research. Przegl  
geol 9 no.10:540-543 '61.

1. Akademia Gorniczo-Hutnicza.

(Poland--Archaeology) (Poland--Magnetic measurements)

KOWALCZUK, W.

SWYNAR, St.; SIEDLICKA, J.; KLASOWSKA, J.; KOWALCZUK, W.; CHLOPICKI, K.

Effect of the cerebral cortex on blood coagulation in mental disorders. Neurologia etc. polska 4 no.4:419-428 July-Aug 54.

1. w Kliniki Psychiatrycznej Slaskiej Akademii Medycznej.

Kierownik: prof. dr S.Swynar.

(MENTAL DISORDERS, physiology,  
eff. of cerebral cortex on blood coagulation)

(BLOOD COAGULATION,  
eff. of cerebral cortex in ment. disord.)

(CEREBRAL CORTEX, physiology,  
eff. on blood coagulation in ment. disord.)

BEMENOWSKI, Boleslaw; KOWALCZUK, Wieslaw

Unusual localizations of duodenal diverticula. Wiad. lek. 18  
no.4:355-358 15 F '65

1. Z Wojskowego Instytutu Medycyny Lotniczej.

CWYNAR, St.; SIEDLICKA, J.; KLASOWSKA, J.; KOWALCZUK, Wl.; CHIOPICKI, K.;  
WOJAKOWSKI, A.; MATIAS, K.; ROSPOND, J.; KASPROWICZ, Wl.

Blood clotting time as a directional index of the dynamics of nervous  
processes in various forms of schizophrenia, epilepsy & mental deficiency.  
Neur. &c. polaka 7 no.6:877-893 Nov-Dec 57.

1. Zespol Kliniki Psychiatrycznej Sl. A. M. w Lublinie. Kierownik:  
prof. dr St. Cwynar. Klinika Psychiatryczna Slaskiej Akademii Medycznej,  
Lubliniec u. Grunwaldzka 48.

(SCHIZOPHRENIA, blood in  
clotting time, diag. value of determ. (Pol))

(EPILEPSY, blood in  
same)

(MENTAL DEFICIENCY, blood in  
same)

(BLOOD COAGULATION, determ.  
clotting time in schizophrenia, epilepsy & ment. defic.,  
diag. value (Pol))

BACHMAN, Boleslaw, doc.; KOWALCZYK, Alina, mgr inz.

Research on the processing of beech hydrolyzate for yeast.  
Przegl papier 18 no.10:305-308 0 '62.

1. Politechnika, Lodz (for Bachman). 2. Instytut Celulozowo-Papierniczy, Lodz (for Kowalczyk).

KOWALCZYK, Bohdan, dr. inz.; WISNIEWSKI, Zbigniew, mgr. inz., st. asystent

Work analysis and method of calculating the basic parameters of  
vibrating pile drivers. Przegl mech 24 no.1:9-12 10 Ja '65.

1. Department of Theory of Mechanisms of the Technical University,  
Gdansk. Head: dr. B. Kowalczyk.

L 37227-66 EWT(d) IJP(c)

ACC NR: AT6018209

SOURCE CODE: P0/2527/64/000/007/0003/0056

AUTHOR: Kowalczyk, B.

30  
B+1

ORG: Department of Therortical Mechanics, Gdansk Polytechnical Institute (Katedra Teorii Mechanizmow Politechniki Gdanskiej)

TITLE: An iteration method for solving systems of nonhomogeneous linear equations

SOURCE: Danzig. Politechnika. Zeszyty naukowe, no. 64, 1964. Mechanika, no. 7, 3-56

TOPIC TAGS: iteration, approximation method, linear equation, algebraic equation, approximation covergence

ABSTRACT: Exact and approximate methods for solutions of systems of nonhomogenous linear equations are reviewed and a new iterative procedure is proposed which is a combination of an exact method and an approximate method. The exact method is applicable to a certain special class of systems of linear equations which the author calls "operative systems". The new prodeure is called the modified relaxation method because of certain similarities to the procedure developed by Southwell and his associates in 1935 (R. V. Southwell, Relaxation Methods in Engineering Science, Oxford University Press, 1946). The essential features of the Southwell method are reviewed. The principal basis of the method proposed in this paper is multiple solution of a system with a quasi-triangular matrix, changing the free terms of the system with

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L 37227-66

ACC NR: AT6018209

each step of the iteration. Necessary and sufficient conditions for convergence of the iteration method are given. The method has a comparatively compact and simple computational scheme with provisions for checking each step of the calculations during the iteration process. A proof is given showing that fulfillment of a single condition gives a convergence for this method which is faster than that of either the simple iteration method or the Seidel method. Orig. art. has: 13 tables, 90 formulas.

SUB CODE: 12/ SUBM DATE: 28Apr64/ ORIG REF: 006/ OTH REF: 013

Card 2/2/11/1

KOWALCZYK, Edward, mgr.inz.

An industry with a great future. Przegl techn no.34:3,5 24 Ag '60.

9, 2150 (11471331)

23646  
P/022/61/000/001/001/002  
A076/A126

AUTHOR: Kowalczyk, Edward, Master of Engineering, Assistant

TITLE: Symmetrizing transformer-properties, production and design

PERIODICAL: Przegląd Telekomunikacyjny, no. 1, 1961, 5-10

TEXT: The article generally discusses the conception of arrangement symmetry, the role of symmetry in measuring arrangements and the application of a symmetrizing transformer as auxiliary measuring instrument. Based on the course of effective damping characteristics, formulae defining the values of parameters of symmetrizing transformers are also given. After discussing electrical and designing parameters of symmetrizing transformers, the author describes the production process of such tranformers. To obtain maximum and equal volume of winding in relation to earth, the winding core is divided into two parts. The halves are placed in such a manner that their ends and tips are in a position of mirror image. The divided halves give an electrical series connection in spite of the fact that the winding superposition is opposite. The winding is screened electrostatically by a copper foil. Under no circumstances should the screening ends form a closed winding. Their edges are connected to the insulating block.

Card 1/2

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P/022/61/000/001/001/002  
A076/A126

Symmetrizing transformer-properties, ...

The screens of the symmetrical-winding side are not grounded, but connected with both ends of the winding. The screen of the secondary winding is grounded, but the leading ends are not connected with it. A crack in the winding core has the result that the direction of the magnetic field is disturbed. Therefore, the winding halves are divided into equal parts and placed on either side of the coil. Methods calculating symmetrizing transformers are based on the analysis of the course of effective damping characteristics. Based on the above descriptions, the Katedra Teletransmisi Przewodowej (Chair of Wire Teletransmission) produced various types of symmetrizing transformers. One of them, the TS-56 type, has the following technical data: conduit band - 3 to 300 cps; max effective damping in conduit band - 0.3 v; working resistance - 600 and 600; volume difference of exit terminal in relation to earth - 1 pF; max conduit power - 2 W. There are 16 figures.

ASSOCIATION: Katedra Teletransmisi Przewodowej, Politechnika Warszawska (Chair of Wire Teletransmission, Warsaw Polytechnical Institute)

Card 2/2

KOWALCZYK, Edward, adjunkt

Difficulties in the cooperation of scientists and industry. Przegl  
techn no.52:3 D '61.

1. Katedra Teletransmisi, Wydział Łączności, Politechnika, Warszawa.

KOWALCZYK, Edward

The new BoBo locomotive series EU 06. Przegl kolej mechan 14  
no.5:132-136 My '62.

1. Centralny Zarzad Trakcji, Warszawa.

KOWALCZYK, Edward, dr inz.

History of telecommunication. Horyz techn 17 no. 5:3-5  
My '64.

KOWALCZYK, H.

(MOTORYZACJA, Vol. 9, No.1, Jan. 1954, Warszawa, Poland)  
"Prolong the life on the injection pump." p. 17.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

KOWALCZYK, H.

For a better quality of main repairs. p. 87.

MOTORYZACJA. Warszawa. Vol. 10, no. 3, Mar. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

KOWALCZYK, H.

AGRICULTURE

Periodical: BUDOWNICTWO WIEJSKIE Vol. 10, no. 10, Oct. 1958

Stamirowice is r ebuilding. p. 20 .

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

KOWALCZYK, H.

PARANS, J.; IRZYKOWSKA, T.; KOWALCZYK, H.

Studies on Q fever in Poland. Med. dosw. mikrob. 5 no.3:315-316 1953.  
(GIML 25:5)

1. Lublin.

SKURSKI, Adam; SZULGA, Teofil; WACHNIK, Zenon; MADRA, Janina; KOWALCZYK,  
Halina.

Classification of acid-fast bacilli isolated from the milk of  
cows and from sewage used for fertilizing pastures. I. Patho-  
genic and saprophytic bacilli. Arch. immun. ther. exp. 13 no.2:  
189-196 '65

1. Department of Mycology, Institute of Immunology and Experimental  
Therapy, Polish Academy of Sciences, Wroclaw, Chair of Epizootiology,  
School of Agriculture, Wroclaw.

SZULGA, Teofil; MADRA, Janina; KOWALCZYK, Halina

Characterization of two atypical acid-fast strains isolated  
from clinical material. Arch. immun. ther. exp. 11 no.1/2:307-311  
'63.

1. Department of Mycology, Institute of Immunology and Experi-  
mental Therapy, Polish Academy of Sciences, Wroclaw.  
(MYCOBACTERIUM TUBERCULOSIS)

SZULGA, Teofil; MADRA, Janina; KOWALCZYK, Halina

Studies on differentiation of tubercle bacilli isolated from  
human beings, cattle and poultry. I. Morphologic and cultural  
characteristics. Arch. immun. ther. exp. 11 no. 3:377-394 '63.

1. Department of Mycology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

(MYCOBACTERIUM TUBERCULOSIS)

(MYCOBACTERIUM BOVIS)

(MYCOBACTERIUM)

(BACTERIOLOGICAL TECHNICS)

(CATTLE) (POULTRY)

SZULGA, Teofil; MADRA, Janina; KOWALCZYK, Halina

Studies on differentiation of tubercle bacilli isolated from  
human beings, cattle and poultry. I. Morphologic and cultural  
characteristics. Arch. immun. ther. exp. 11 no.3:377-394 '63.

1. Department of Mycology, Institute of Immunology and Experi-  
mental Therapy, Polish Academy of Sciences, Wroclaw.

(MYCOBACTERIUM TUBERCULOSIS)

(MYCOBACTERIUM BOVIS)

(MYCOBACTERIUM)

(BACTERIOLOGICAL TECHNICS)

SZULGA, Teofil; MADRA, Janina; KOWALCZYK, Halina

Studies on differentiation of tubercle bacilli isolated from  
human beings, cattle and poultry. II. Enzymic activity. Arch.  
immun. ther. exp. 11 no. 3:395-403 '63.

1. Department of Mycology, Institute of Immunology and Experi-  
mental Therapy, Polish Academy of Sciences, Wroclaw.

(MYCOBACTERIUM TUBERCULOSIS)

(MYCOBACTERIUM BOVIS)

(MYCOBACTERIUM)

(BACTERIOLOGICAL TECHNICS)

(CATALASE) (UREASE)

(PEROXIDASES) (NICOTINIC ACID)

SZULGA, Teofil; MADRA, Janina; KOWALCZYK, Halina

Studies on differentiation of tubercle bacilli isolated from human beings, cattle and poultry. II. Enzymic activity. Arch. immun. ther. exp. 11 no. 3:395-403 '63.

1. Department of Mycology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

(MYCOBACTERIUM TUBERCULOSIS) (MYCOBACTERIUM)  
(MYCOBACTERIUM BOVIS) (BACTERIOLOGICAL TECHNICS)  
(CULTURE MEDIA) (CATALASE) (SULFATASES)  
(UREASE) (PEROXIDASES) (POULTRY)  
(NICOTINIC ACID) (CATTLE)

KOWALCZYK, Hanna; FRENKIEL, Stanislaw; HARAZDA, Maria

Effect of chemotherapy on morphological and bacteriological pulmonary changes in resected pulmonary tissues. Gruzlica 30 no.4:341-348 '62.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia Lekarzy w Zakopanem Kierownik: prof. dr med. W. Rzepecki.

(TUBERCULOSIS PULMONARY pathol)  
(ANTITUBERCULAR AGENTS ther)

RZEPECKI, Wit; HARAZDA, Maria; KOWALCZYK, Hanna

Aspergilloma cured by resection of the pulmonary tissue. Polski  
przegl. chir. 34 no.6:493-498 Je '62.

1. Z Kliniki Chirurgii Klatki Piersiowej SDL w Warszawie Sanatorium im.  
dr O. Sokolowskiego w Zakopanem Dyrektor: prof. dr W. Rzepecki.  
(PNEUMONECTOMY) (ASPERGILLOSIS surg)

LUKIAŃSKI, Marian; RADECKI, Aleksander; KOWALCZYK, Hanna

Comparison of so-called supposed drug-resistance of tubercle  
bacilli with the resistance verified by laboratory methods.  
Gruzlica 32 no.12±1087-1092 D '64

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia  
Lekarzy w Zakopanem (kierownik: prof. dr. med. W. Rzepicki).

KOWALCZYK, Hanna; RADECKI, Aleksander; IUKIANSKI, Marian

Primary resistance of tubercle bacilli to viomycin, ethionamide,  
and cycloserine. Gruzlica 33 no.1831-34 Ja '65

I. Z Kliniki Chirurgii Klatki Piersowej Studium Doskonalenia  
Lekarzy w Zakopanem (Kierownik: prof. dr. med. Rzepeski).

FRENKEL, Stanislaw; KOWALCZYK, Hanna; HARAZDA, Maria

Effect of substitute drugs on the viability of tuberculosis  
bacilli in autopsy specimens. Gruzlica 33 no.2:111-115 F '65.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia  
lekarzy w Zakopanem (Kierownik: prof. dr. med. W. Rzepecki).

SZULGA, Teofil; SZARO, Alfred; MADRA, Janina; KOWALCZYK, Halina

Classification of acid-fast bacilli isolated from the milk of cows and from sewage used for fertilizing pastures. Pt.2. Arch. immun. ther. exp. 13 no.3:331-335 '65.

1. Department of Mycology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw; The Provincial Tuberculosis Dispensary in Wroclaw.

SZULGA, Teofil; WIECZOREK, Zbigniew; MADRA, Janina; KOWALCZYK, Halina

Classification of acid-fast bacilli isolated from the milk of  
cows and from sewage used for fertilizing pastures. Pt.3. Arch.  
immun. ther. exp. 13 no.3:336-343 '65.

1. Department of Mycology, Institute of Immunology and Experimental  
Therapy, Polish Academy of Sciences, Wroclaw.

KOWALCZYK, Henryk, mgr inz.

Modernization of the sorting department of the Niedomice Pulp  
Mill. Przegl papier 18 no.12:397-398, 3 of cover D '62.

1. Niedomickie Zaklady Celulozy, Niedomice.

TEMPKA, D.; CEMBALA, M.; KOWALCZYK, I.; URASINSKI

The Thyroidogram. Acta medica polona (Warszawa) 1 no.3/4:8-123  
'60

1. From the II Clinic of Internal Diseases of the Medical Academy  
in Cracow Director: Professor T. Tempka M.D. and the Commission of  
Medical Sciences of the Cracow Branch of the Polish Academy of  
Sciences.

(THYROID GLAND anat & histol)

CHOMIĘŻYN, M.; ZIOŁECKA, A.; KUZDOWICZ M.; PURACIENSKI S., KOVALCZYK,  
J.

Ammonium lactate as a source of nitrogen in feeding sheep.  
Rocznik roln zootechn 84 no.1:63-74 '64.

Studies on the use of ammoniated fodder in feeding ruminants.  
Pt.10. Ibid.:75-81

b. Institute of Animal Physiology and Feeding of the Polish  
Academy of Sciences, Warsaw.

81A

1116 822.673.6  
Kowalczyk J., Pofalski M. *The Problem of Durability of Steel Ropes*  
in Mines  
V. 7. "Problem trwałości lin stalowych w górnictwie". Przegląd Górn-

czy, No. 3, 1951, pp. 90-96, 12 figs.  
The brevity of the life of winding ropes is due to faulty manufacture in the various phases of the technological process, and especially in the heat-treatment of wires, to an inaccurate choice of rope construction for given conditions, to defects in or the bad condition of some parts of the installation connected with the work performed by rope, to mistakes made while changing the ropes, to their increased number of winding in the time unit, and finally to unsatisfactory maintenance during the operation. Analysis of factor groups influencing the durability of ropes, such as: 1) quality of raw material, 2) manufacturing of steel wire and of rope, 3) use of ropes

PTA

2

1348

Kowalczyk J., Pofelski M. Unification of Winding Ropes in Mining

622.673.6.(003.7)

„Unifikacja kopalnianych lin wyciągowych”. Przegląd Górnictwa No. 10, 1951, pp.404—412, 19 figs, 3 tabs.

Fifty four types of round stranded winding ropes having 33 different diameters have up till now been in use in Polish collieries. Suggestions for reducing them to 14 types, the use of the former number of ropes having no technical justification and being only a remainder of irrational individualist capitalistic economy.

Kowalczyk, S.

156. TECHNICAL ACCEPTANCE TESTS OF MINDING ROPES. R. Kowalczyk, in: "Prace Inst. Gorn. (Bud. Stw.), April 1952, Vol. 17, No. 1, 1952 Tech. Abstr., vol. 1, (9), 1955). The steadily increasing effectiveness of virus-minding ropes calls for greater rigour in technical acceptance tests and particularly for a guarantee of effective collection efficiency for the introduction of trivalent tests, both for plain and braided wires. It is recommended that tests over the thickness of the insulation are carried out by means of the Behraker apparatus." (L).

"APPROVED FOR RELEASE: Monday, July 31, 2000

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(Approved by General Counsel) (b)(5) (D) (b) (6) (C) (b) (7) (D) (b) (7) (E) (b) (7) (F) (b) (7) (G) (b) (7) (H) (b) (7) (I) (b) (7) (J) (b) (7) (K) (b) (7) (L) (b) (7) (M) (b) (7) (N) (b) (7) (O) (b) (7) (P) (b) (7) (Q) (b) (7) (R) (b) (7) (S) (b) (7) (T) (b) (7) (U) (b) (7) (V) (b) (7) (W) (b) (7) (X) (b) (7) (Y) (b) (7) (Z) (b) (7) (B) (b) (7) (C) (b) (7) (D) (b) (7) (E) (b) (7) (F) (b) (7) (G) (b) (7) (H) (b) (7) (I) (b) (7) (J) (b) (7) (K) (b) (7) (L) (b) (7) (M) (b) (7) (N) (b) (7) (O) (b) (7) (P) (b) (7) (Q) (b) (7) (R) (b) (7) (S) (b) (7) (T) (b) (7) (U) (b) (7) (V) (b) (7) (W) (b) (7) (X) (b) (7) (Y) (b) (7) (Z)

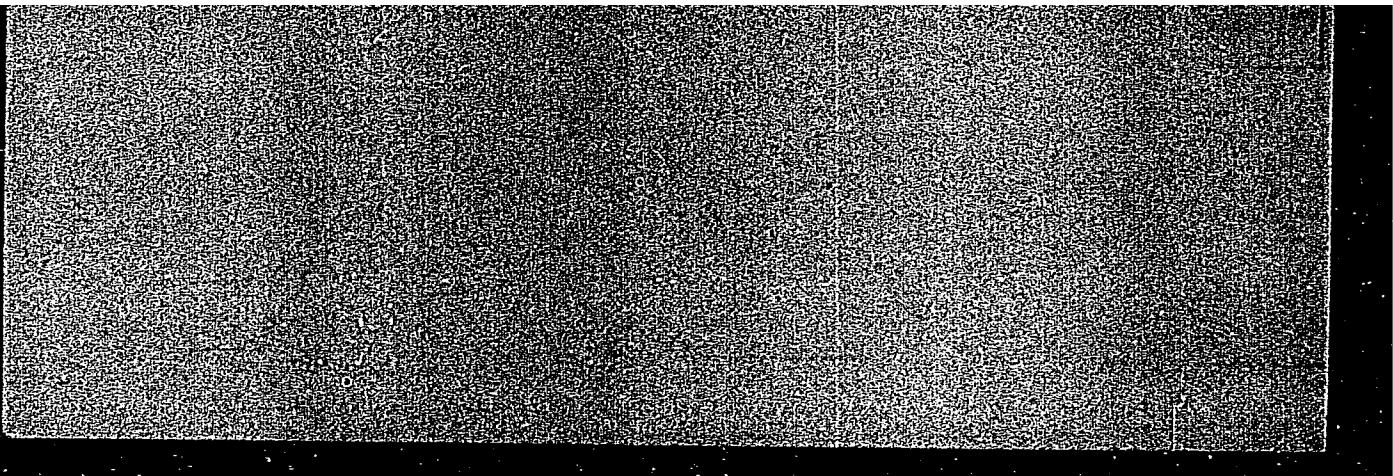
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POMPOWSKI, Tadeusz; KRAJEWSKI, Ryszard; KOWALCZYK, Jerzy

Velocity distribution of aqueous solutions of electrolytes  
subjected to electromagnetic convection in cylindrical systems. Pt.  
I. Chemia stosow A 8 no.3.305-319 '64.

I. Department of Technical Analysis and Material Science of the  
Gdansk Technical University.

KENTZER, Lech, mgr inż. adiunkt; KOWALCZYK, Jerzy, dr inż., adiunkt

• Dielectrophoresis. Wiad chem 18 no.12:709-726 D '64.

1. Department of Technical Analysis and Material Science of  
the Gdańsk Technical University. Submitted April 30, 1964.

KOWALCZYK, J.

Treatment of surgical tuberculosis with isonicotinic acid hydrazide.  
Polski przegl. chir. 25 no.2:169-189 Feb 1953. (CIML 24:4)

1. Of the Institute of Pharmacology (Head--Prof. Janusz V. Supniewski, M.D.) and of the Second Surgical Clinic (Head--Prof. K. Michejda, M.D.), Krakow Medical Academy.

KOWALCZYK, Jan

Mechanism of action of isonicotinic acid hydrazide in tuberculosis. Pat.polska 6 no.2:91-98 Ap-Je '55.

1. z II Kliniki Chirurgicznej A.M. w Krakowie, Kierownik: prof.

dr. K. Michejda.

(TUBERCULOSIS, OSTEOARTICULAR, therapy,  
isoniazid)

(NICOTINIC ACID ISOMERS, therapeutic use,  
isoniazid in osteoarticular tuberc.)

EXCERPTA MEDICA Sec 7 Vol 10/9 Pediatrics Sept 56

1971. KOWALCZYK J. and SPLAWIŃSKI J. 2. Klin. chir. A.M., Kraków.  
Wyniki leczenia hydrazydem kwasu izonikotynowego gruźlicy kostno-  
stutowej i jej powikłań u dzieci. The result of treatment with  
isonicotinic acid hydrazide in tb of bones and joints and  
its complications in children GRUŽLICA 1955, 23/7 (493-500)

Fifty children, aged from 5 to 15, with osteo-articular tb were treated with INH. The time of observation, from beginning of 3 months' treatment was on the average 10 months. Only the most severe and complicated cases in which prolonged streptomycin treatment (40 cases) did not give beneficial result, were selected. In 8 cases (16%) no improvement occurred; in the remaining cases the following results were noted: improvement of general condition; marked improvement in appetite; increase in body weight up to 10 kg.; deservescence; fall of the erythrocyte sedimentation rate; increase in the number of erythrocytes and the percentage of haemoglobin. As regards local lesion the following improvement was observed: prompt disappearance of pain, prompt healing of sinuses, and regression of paroxysms resulting from tb spondylitis. The changes in the radiological pictures of bones due to INH treatment are not characteristic. In 1/3 of cases the more rapid disappearance of sequestra, formation of ostein and more rapid filling of caries of ostein as well as change of the structure and formation of dense osteal tissue. In 6% of the cases, in spite of the treatment with INH, deterioration occurred in the form of new tb foci. The indications for treatment with INH in bone and joint tb:  
(1) recent lesions of bone and joint tb; (2) cases with spread of osseal process;  
(3) cases with tb sinuses, also in local treatment of gravitation abscesses. INH is a valuable adjuvant in the treatment of bone and joint tb. Nevertheless it does not replace the former methods of treatment. Dobrowolski - Warsaw (XV, 7, 9)

KOLACZKOWSKI, S.; KOWALCZYK, J.; ZUKOWSKI, Z.

Chlorination of sewage in anti-tuberculosis sanatoria. Part I.  
Relation of the survival of bacilli to the concentration of chlo-  
rins and to the duration of its activity. Acta Microb.polon. 8:  
181-184 1959.

(SEWAGE microbiol.)  
(TUBERCULOSIS hosp.& clin.)  
(CHLORINE)

GORSKA, Jadwiga; MUCHNICKA, Dorota; KOWALCZYK, Janina

Evaluation of biological method of blood examination of endocarditis lenta. Med.dosw.mikrob. 7 no.4:457-463 1955.

1. Z Państwowego Zakładu Higieny w Warszawie.  
(ENDOCARDITIS, SUBACUTE BACTERIAL, bacteriology,  
blood exam. biol.methods)

KOWALCZYK, Janina

Materials to the knowledge of the physico-chemical and floristic conditions of the Rusalka Lake in Poznan. Biologia Poznan no.3:97-113 '61.

Institute of Plant Systematics and Geography, A. Mickiewicz University, Poznan

KOWALCZYK, Jerzy; SAKOWSKI, Jan

Treatment of erosion of the vaginal portion of the uterine cervix with quartz lamp rays. Gin. polska 28 no.5:551-554 Sept\*Oct 57.

l. Z I Kliniki Poloznictwa i Chorob Kobiecych A. M. w Lodzi. Kierownik:  
prof. dr med. J. Sierszawski. J. Sakowski: Lodz, Piotrkowska 84.

(CERVIX, UTERINE, dis.

erosion, ther., ultraviolet rays (Pol))

(ULTRAVIOLET RAYS, ther. use

erosion of uterine cervix, (Pol))

KOWALCZYK, Jerzy

Critical evaluation of methods of percentage studies of the composition of serum protein fractions. The problem of the standard and of the standardization of determination methods. Postepy biochem.6 no.1:59-82 '60.

(BLOOD PROTEINS chem.)

KOWALCZYK, Jerzy, mgr inz.

Polish made great strength traction rope for ropeways and cable  
track cranes. Przegl mech 21 no.3:65-69 10 F '62.

1. Glowny Instytut Gornictwa, Katowice.

✓  
10  
*α-Methylnaphthalene derivatives. III.* K. Dziewonowski and J. Kowalewski, *Bull. intern. Acad. polonaise, Classe sci. math. nat.*, 1938A, 249 (Ston German); cf. *C. A.* 30, 2861. - Among the sulfonation products of *α*-C<sub>11</sub>H<sub>18</sub>, *1-methylnaphthalene-6-sulfonic acid* (**I**) has been identified. The structure of **I** was shown by conversion to *7,1-C<sub>11</sub>H<sub>10</sub>(OH)Me* (**II**), m. 69-70°, then to *7,1-C<sub>11</sub>H<sub>9</sub>(NH<sub>2</sub>)Me* (**III**), m. 84-85° (cf. Vesely and Stura, *C. A.* 37, 3020). The *Ba salt* of **I** is more sol. than those of the *β*- and *δ*-sulfonic acids previously reported and is purified by fractional crystallization. It was converted to the *Ag salt*, *aniline salt*, m. 209-11°, *sulfonyl chloride*, m. 88°, and *sulfonamide*, m. 116°. Fusion with KOH gave **II**; **Bz deriv.**, m. 6°. From **II** by the action of NH<sub>4</sub>OH **III** was prep'd.; *Ac deriv.*, m. 154-0°.

KOWALCZYK, J.

Simple apparatus for paper electrophoresis. Acta biochim. polon.  
3 no.2:251-259 1956.

1. Centralne Laboratorium Chemiczno-Bakteriologiczne P.S.K. przy  
Akademii Medycznej w Gdansku Kierownik: mgr inż. Jerzy Kowalczyk.  
(ELECTROPHORESIS, apparatus and instruments,  
paper electrophoresis (Pol))

KOWALCZYK, J.

POLAND / Laboratory Equipment. Instrumentation.

F

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 3064.

Author : Kowalczyk, Jerzy.

Inst : Not given.

Title : Apparatus for Electrophoretic Separation of Substances in Filter Paper by a Continuous Method.

Orig Pub: Chem. analit., 1957, 2, No 3, 273-280.

Abstract: Detailed description of the arrangement of an apparatus for continuous separation of inorganic ions, proteins, amino acids, and other charge-bearing compounds. The apparatus is made from Vinydur (polyvinyl-chloride). During operation of the apparatus, electric field strength, temperature, rate of feed and pH of the buffer solution and mixture of substances undergoing separation, are automatically maintained constant. -L.Dmitrenko.

Card 1/1

KOWALCZYK, J.

Apparatus for filter-paper electrophoretic separation by the continuous method.  
P. 273

SO: Monthly Index of East European Accession (EEAI) LC. VOL. 7, No. 5, 1958

KOWALCZYK, Jerzy, mgr.inz., adiunkt; POMPOWSKI, Tadeusz, doc. dr. inz.

On attempts to explain the mechanism of separation in paper chromatography. Wiad chem 14 no.9:577-591 S '60.

1. Katedra Analizy Technicznej i Towaroznawstwa, Politechnika,  
Gdansk Kierownik Katedry: doc.dr.inz. Pompowski, Tadeusz,

POMPOWSKI, Tadeusz; KOWALCZYK, Jerzy; KLASOWSKA-GRUDOWSKA, Aleksandra

Application of paper ionophoresis for the separation of ferric aluminum  
and titanium ions. Chem anal 6 no.3:387-392 '61.

1. Department of Technical Analysis, Politechnic, Gdansk.

S/081/62/000/006/030/117  
B171/B101

AUTHORS: Pompowski, Tadeusz, Kowalczyk, Jerzy, Siemianowska, Irena

TITLE: Utilization of paper electrophoresis for separation of potassium, rubidium, and cesium ions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 124, abstract 6D55 (Chem. analit. (Polska), v. 6, no. 3, 1961, 393-398)

TEXT: In order to separate  $K^+$ ,  $Rb^+$ , and  $Cs^+$ , electrophoresis on no. 4 Whatman paper, in solutions of hydrochloric, lactic, and formic acids, or in mixtures of HCl and  $C_6H_5OH$ , has been used. Optimum conditions for separation are: 0.1 N HCl, with 1.2 %  $C_6H_5OH$ , and a potential gradient of 12.5 v/cm. To detect spots,  $NaPb[Co(NO_2)_6]$  was used. [Abstracter's note: Complete translation.]

Card 1/1

JANICKI, Jozef; SKUPIN, Janusz; KOWALCZYK, Jerzy; GOLAB, Zdzislaw

Adaptation of the Moore, Spackman and Stein method to determine amino acids on sulfonated polystyrene resins, IR-120 amberlite. Roczniki Wyz Szkola Rol Poznan no.13:271-290 '62.

1. Zaklad Biochemii Zynosci, Katedra Technologii Rolnej,  
Wyzsza Szkoła Rolnicza, Poznan.

S/124/63/000/001/007/080  
D234/D308

54300

AUTHORS:

Kowalczyk, Jerzy and Pomkowski, Tadeusz

TITLE:

Investigation of the possibilities of using magneto-hydrodynamic processes for the mixing of electrolytes

PERIODICAL:

Referativnyy zhurnal, Mekhanika, no. 1, 1963, 12,  
abstract 1B68 (Chem. stôsow, 1962, v. 6, no. 2,  
279-293 (Pol.: summaries in Rus. and Eng.))

TEXT: A sufficiently homogeneous axial constant magnetic field was produced in a cylindrical vertical container with electrolytes. Vertical electrodes having the shape of parallel plates, 2 and 3 coaxial cylinders, were placed in the container. In the last case the inner and the outer cylinders were at the same potential. Owing to a mass force of electromagnetic origin  $[BJ]\rho^{-1}$ , ( $J$  being the current density) a convection process took place mixing the electrolyte. The efficiency of mixing 12%  $CuSO_4$  and a solution of chlorobenzene in benzene was estimated by a relative coefficient which

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✓B

Investigation of the possibilities ...

S/124/63/000/001/007/080  
D234/D308

reached a maximum when the ratio of the radii of the two coaxial cylinders was 1/2. The greatest mixing effect was attained using parallel electrodes.

Abstracter's note: Complete translation ]

AB

Card 2/2

JANICKI, Jozef; SKUPIN, Janusz; KOWALCZYK, Jerzy

Modification of the method of separating active methionine from yeast (*Saccharomyces cerevisiae*). Chem anal 7 no.6:1167-1172 '62.

1. Department of Agricultural Technology, School of Agriculture, Poznan.

KOWALCZYK, Jerzy

POLAND

KOWALCZYK, Jerzy

Department of Technical Analysis and Commodity Science  
of the Gdańsk Polytechnic School (Katedra "Analizy Technicznej i Towaroznawstwa Politechniki, Gdańsk)

Zipcoff, Chemia analityczna, No 5, 1965, pp 659-69.

"Process Accompanying Electrophoresis in Supporting  
Media (Carrier) Layers--I. Investigation of Temperature  
Conditions in Wet Chambers".

KOWALCZYK, Jerzy

POLAND

POMPOWSKI, Tadeusz; KOWALCZYK, Jerzy; CZERN-JEN, Son

Department of Technical Analysis and Commodity Science  
of the Gdańsk Polytechnic School (Katedra Analizy  
Technicznej i Towaroznawstwa Politechniki, Gdańsk)

Warsaw, Chemia analityczna, No 5, 1963, pp 719-24.

"Application of Water and Organic Liquids Containing  
Solutions in Paper Ionophoresis, the Separation of  
Ferrous, Ferric, and Iridium and Cupric Ions".

KOWALCZYK, Jeryz, dr inż., adiunkt

Phenomena connected with the electrophoresis within layers  
of supporting media and evaluation of their influence on the  
distribution of the studied substances. Wiad chem 17 no.12:  
703-726 D'63.

1. Katedra Analizy Technicznej i Toważoznawstwa, Politechnika,  
Gdansk.

KOWALCZYK, Jerzy

Processes accompanying the electrophoresis in supporting media  
layers. Pts. 2-3. Chem anal 8 no.6:823-841 '63.

1. Department of Technical Analysis, Technical University, Gdansk.

KOWALCZYK, Jerzy, dr (Sopot, ul. Kasprowicza, 13 b.)

Processes accompanying electrophoresis in supporting media layers  
and their influence on investigated substances. Pt. 6. Chem anal  
9 no.2:213-222 '64.

1. Department of Technical Analysis, Technical University, Gdansk.

KOWALCZYK, Jerzy; POMPOWSKI, Tadeusz

Magnetohydrodynamic turboviscosimeter. Chemia stosow 8  
no. 2;249-258 '64.

A

1. Department of Technical "nalysis and Technical Comodities,  
Technical University, Gdansk.

KOWALCZYK, Jerzy, dr

Processes accompanying electrophoresis in supporting media layers  
and their influence on investigated substances. Pts. 4-5. Chem  
anal 9 no.1:21-34 '64.

1. Department of Technical Analysis, Technical University, Gdansk.

KOWALCZYK, Jerzy, dr inz., adiunkt; NOWOSZ-ARKUSZEWSKA, Irena, mgr inz.,  
st. asystent

Chemical structure and chromatographic behavior of organic  
compounds. Wiad chem 18 no.5:291-311 My '64

1. Department of Technical Analysis and Technical Commodities,  
Technical University, Gdańsk.

POMFOWSKI, Tadeusz; KOWALCZYK, Jerzy; KRAJEWSKI, Ryszard

Velocity distribution of aqueous electrolyte solutions  
subject to electromagnetic convection in cylindric systems.,  
Pt.2. Chemia stosow 8 no.4:419-430 '64.

1. Department of Technical Analysis and Technical Commodities  
of the Technical University, Gdansk.

POLAND

KOWALCZYK, Jerzy, dr

Department of Technical Analysis, Polytechnic of Gdańsk  
(Katedra Chemicnej Technologii Nieorganicznej i Analizy  
Technicnej Politechniki Gdańsk)

Warsaw, Chemia analityczna, No 2, March-April 1966,  
pp 383-393

"Apparatus for chromatography in systems liquid-liquid  
by technique analogous to the gas-liquid chromatography."

MACURA, Marian; GRZEGORZEWSKA, Aniele, KOWALCZIK, Jozef

Observations on the treatment of infectious hepatitis with dexamethasone. Wiad. lek. 18 no.15:1213-1219 1 Ag '65.

1. 2 Oddzialu Zakaznego Szpitala Miejskiego nr. 7 w Katowicach  
(Ordynator: dr. med. M. Macura).

POLAND / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B

Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41679

Author : Krause, Alfons; Kowalczyk, Jolanta  
Inst : Not given  
Title : Nickel Ferrocyanide - a Multicomponent Catalyst Carrier

Orig Pub : Roczn. chem., 1958, 32, No 4, 979-981

Abstract : Upon mixing of  $\text{Na}_4[\text{Fe}(\text{CN})_6]_7$  and  $\text{NiSO}_4$  solutions (in stoichiometric proportions) at  $20^\circ\text{C}$ , a green precipitate of  $\text{Ni}_2[\text{Fe}(\text{CN})_6]_7$  was formed. Carefully washed and air dried it is a weak catalyst for the decomposition of  $\text{H}_2\text{O}_2$ . If  $\text{Cu}^{+2}$ ,  $\text{Pb}^{+2}$ ,  $\text{Mn}^{+2}$ ,  $\text{Fe}^{+3}$ ,  $\text{Co}^{+2}$ , and  $\text{Ni}^{+2}$  ions are adsorbed on a I surface, highly active

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POLAND / Physical Chemistry. Kinetics. Combustion.  
Explosions. Topochemistry. Catalysis.

B

Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41679

multicomponent catalysts (C) are formed. I serves as a catalyst carrier. C activity in  $H_2O_2$  decomposition may be detected even at  $10^{-4}$  g concentrations of  $Cu^{+2}$  or  $Co^{+2}$  in 200 ml of 0.3%  $H_2O_2$  solution. According to the authors, C efficiency is caused by the formation of highly active complex compounds on the I surface. The ions  $Mg^{+2}$ ,  $UO_2^{+2}$ , and  $Zn^{+2}$  do not increase I activity.  $Zn^{+2}$  even inhibits the activity due to its formation with I of a very stable, and therefore non-active, complex  $Zn [Zn_3 [Fe(CN)_6]_2]$  -- O. Polotnyuk

Card 2/2

24

KOWALCZYK, Jozef

Treatment of widening the palatal suture by means of a modified plate apparatus. Czas. stomat. 18 no.5:491-495 My'65.

l. Z Katedry Ortodoncji Akademii Medycznej w Krakowie (Kierownik:  
prof. dr. K. Dominik).

KOWALCZYK, Julian

Used oils as a valuable raw material for the national economy.  
Wiad naft 10 no. 5:112-113 My '64.

KOMIOTK, K.

Our international commercial agreements. n. 23.

RWOLID TECHNICZNY. (Naczelnia Organizacja Techniczna) Warszawa, Poland.  
vol. 80, no. 22, June 1969.

Monthly List of East European Accessions(EEA) LC. Vol. 5, no. 7, July 1969.

Uncl.

KOWALCZYK, Krystyna

Clinical observations on the use of Flaxedil in cases of  
multiple sclerosis. Pol. tyg. lek. 18 no.41:1525-1527 7 0 '63.  
1. Z Kliniki Chorob Nerwowych Pom. AM w Szczecinie; kierownik:  
prof. dr med. Michał Jaroma.  
(GALLAMINE TRIETHIODIDE)  
(MULTIPLE SCLEROSIS)

KOWALCZYK, Krystyna

Value of electrophoresis of the cerebrospinal fluid in the diagnosis and differentiation of some diseases of the nervous system. Roczn. pom. akad. med. Swierczewski 11:535-551 '65.

1. Z Kliniki Neurologicznej Pomorskiej Akademii Medycznej  
(Kierownik: prof. dr. med. Michał Jarema).

KOWALCZYK, M.

TEMPKA, T., prof. Dr.; KUBICZAK, M.; FENCZYN, J.; CEMBALA, D.;  
KOSTKOWSKI, A.; CICHECKA, K.; KOWALCZYK, M.

Onkobiongram. A phase picture of a tumor cell. Przegl. lek.  
Krakow 10 no.12a:339-347 Dec 54.

l. Z II kliniki chorob wewnętrznych A.M. w Krakowie. Kierownik  
prof. dr. T.Tempka  
(NEOPLASMS, diagnosis  
cell biomorphology)

KOWALCZYK, Maria; POZNANSKA, Hanna; WOLODKO, Teresa

Role of some enzymatic and functional tests in clinical viral hepatitis.  
Prezegl. epidem. 16 no.2:117-123 '62.

1. Z II Kliniki Chorob Zakaznych AM i Osrodka Badan Klinicznych PZH  
w Warszawie Kierownik: prof. dr B. Kassur.  
(LIVER FUNCTION TESTS) (LIVER chem)  
(ENZYMES chem) (HEPATITIS INFECTIOUS diag)

KOWALCZYK, Maria; POZNANSKA, Hanna; WOLODKO, Teresa

Behavior of protein fractions in the blood serum during the course of  
viral hepatitis. Prezegl. epidem. 16 no.2:125-131 '62.

1. Z II Kliniki Chorob Zakaznych AM i Osrodku Badan Klinicznych PZH  
w Warszawie. Kierownik: prof. dr B. Kassur.  
(HEPATITIS INFECTIOUS blood) (BLOOD PROTEINS)

HORNIK, Jozef; KOWALCZYK, Maria

Changes in the protein composition in viral hepatitis in pregnancy.  
Prezegl. epidem. 16 no.2:207-211 '62.

l. Z II Kliniki Chorob Zakaznych AM w Warszawie Kierownik: prof. dr  
med. B. Kassur.

(BLOOD PROTEINS in pregn) (HEPATITIS INFECTIOUS in pregn)  
(PREGNANCY compl)

HORNIK, Jozef; KOWALCZYK, Maria

Disorders of some enzymatic systems in viral hepatitis in pregnancy.  
Prezegl. epidem. 16 no.2:213-217 '62.

l. Z II Kliniki Chorob Zakaznych AM w Warszawie Kierownik: prof.  
dr B. Kassur.

(PREGNANCY compl) (HEPATITIS INFECTIOUS in pregn)  
(ENZYMES blood)

KOWALCZYK, Maria; TESSAROWICZ, Jadwiga

Bromsulfalein test and certain other function tests in viral hepatitis. Polskie arch. med. wewn. 31 no.4:481-488 '61.

l. Z II Kliniki Chorob Zakaznych AM w Warszawie i Dzialu Klinicznego  
PZH Kierownik: prof. dr med. B. Kassur.

(LIVER FUNCTION TESTS) (HEPATITIS INFECTIOUS diag)

RAFALOWICZ, Adam; KOWALCZYK, Maria; WOLANSKA, Aniela

Behavior of glucuronic acid in mechanical jaundice. Pol.  
arch. med. wewnet. 33 no.11:1269-1274 '63.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy  
(kierownik: prof. dr. med. B.Jochweds'), z II Kliniki Chorob  
Zakaznych AM w Warszawie (kierownik: prof.dr med. B.Kassur)  
oraz z Zakladu Chemii Klinicznej Institytutu Gruzlicy, (kie-  
rownik: dr. A.Wolanska).

\*

RAFALOWICZ, Adam; KOWALCZYK, Maria; WOLANSKA, Aniela

Behavior of glucuronic acid in the blood of viral hepatitis patients. Pol. arch. med. wewnet. 34 no.1:53-61 '64

1. Z Kliniki Chorob Wewnętrznych Instytutu Gruźlicy w Warszawie (kierownik: prof.dr.med. B.Jochwes); z II Kliniki Chorob Zakaznych AM w Warszawie (kierownik: prof.dr.med. B.Kassur) i z Zakładu Chemii Klinicznej Instytutu Gruźlicy w Warszawie (kierownik: dr.med. A.Wolanska).

\*

RAFALOWICZ, Adam; KOVALCZYK, Maria; LYCZEWSKA, Janina

Studies on the synthesis and urinary excretion of glucuronic compounds in viral hepatitis and methionine jaundice. Pol. Arch. med. wewnęt. 34 no.184/1-143 '64.

1. Z Kliniki Chorób Wewnętrznych Instytutu Gruźlicy (Kierownik: prof. dr. med. E.Jochweda); II Kliniki Chorób Zakaznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. B.Kaczyński) i Zakładu Chemii Klinicznej Instytutu Gruźlicy (Kierownik: dr. A.Wolanska).

KOWALCZYK, Maria

Evaluation of the bromsulfophthalein test in viral hepatitis  
with the use of paper chromatography. Pol. arch. med. wewnet.  
34 no.12:1601-1609 '64.

1. Z II Kliniki Chorob Zakaznych Akademii Medycznej w War-  
Szawie (Kierownik: prof. dr. med. B. Kassur).

SZULKIN, Emma; KOWALCZYK, Maria; STYSZEWSKA, Hanna

Sermoucoid in viral hepatitis patients.. Pol. tyg. lek. 19  
no.32:1230-1232 10 Ag '64.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy (kierownik:  
prof. dr med. B. Jochweds,) z II Kliniki Chorob Zakaznych Akademii  
Medycznej w Warszawie (kierownik: prof. dr med. B. Kassur) i z  
Zakladu Chemii Klinicznej Instytutu Gruzlicy (kierownik: dr A.  
Wolanska).

KOWALCZYK, Marian, mgr inz.

Colorimetric method of determining trace amounts of arsenic in  
metallic antimony. Chem anal 9 no.2:331-341 '64.

1. Department of Analytical Chemistry, Technical University,  
Gliwice

KOWALCZYK, Marian, mgr inz.; KOZLOWIECKI, Henryk, mgr inz.

Selection of the stroke:bore ratio and the operational conditions as well as the overall dimensions of a high-speed combustion engine. Techn motor 14 no. 3:69-76 Mr '64.

1. Department of Combustion Engines and Tractors, Technical University, Poznan.

KOWALCZYK, Marian

POLAND / Laboratory Equipment. Apparatus. Its Theory, F  
Construction and Application.

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11628.

Author : Grochowski, S., Korpak, W, Kowalchyk Marian  
Kubala, J.

Inst : Not given.

Title : The Obtaining of  $\text{Ni}(\text{NO}_3)_2$  of a High Degree of  
Purity.

Orig Pub: Chem. analit., 1957, 2, No 3, 282-283.

Abstract: Data are cited about the analysis of  $\text{Ni}(\text{NO}_3)_2$ ,  
purified by the extraction with organic solvents,  
precipitation, electrolysis and crystallization.  
The analysis of one of the samples, conducted by  
the application of C electrodes in the arc of a  
direct current of 6 a, revealed on a Hilger spec-  
tograph, E-478, the absence of As, Au, Bi, Cd,

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POLAND / Laboratory Equipment. Apparatus. Its Theory, F  
Construction and Application.

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11628.

Abstract: Cr, Mo, Pt, Sn, Ti, V, W. The spectra of Mn  
(2794,817 Å), Ag (3280,683 Å), Zn (3345,020 and  
3345,572 Å), Co (3405,120 and 3412,339 Å), Pb  
(2833,069 Å) are expressed weakly. The lines of  
Al (3082,155 and 3092,713 Å) and Ca (4226,728 Å)  
are expressed strongly. The analysis of another  
sample, conducted in the arc of an alternating  
current of 8 a, disclosed the absence of Ag, As,  
Au, B, Bi, Cd, Co, Cr, K, Li, Mn, Mo, Na, Pb, Pt,  
Sb, Sn, Ti, V, W, Zn, Zr and the presence of  
about  $10^{-4}\%$  Mg, Si, Fe, Al, Cu and Ca. --  
N. Turkevich.

Card 2/2

END

37

KOWALCZYK, MARIAN

Distr: 4E2c  
Preparation of high purity  $\text{TeO}_4$ . Stanisław Grochowski,  
Marian Kowalczyk, and Jerzy Kubala (Katedra Chemii  
Nierorganicznej Politechniki Śląskiej, Gliwice, Poland).  
*5 pmj (jQ)*  
*✓*  
*Chem. Anal.* (Warsaw) 4, 025 (1980). Tech. Te contg. Ag,  
Al, Ca, Cr, Cu, Fe, Mg, Pb, and Si was purified (after dis-  
soln.) by extn., crystn, etc. Purification was surveyed by  
spectrographic analysis. Tellurous acid was filtered, dried,  
and heated to 700°. Z. Kurtyka

OGIOLDA, Konrad, mgr., inz.; KOWALCZYK, Marian, mgr., inz.

Quick methods for determining impurities in a zinc-sulphate solution used for electrolytic zinc production. Rady i metale 6 no.12:541-543 D '61.

KOWALCZYK, Mieczyslaw; URASINSKI, Ignacy

Case of drug agranulocytosis caused by the presence of granulocyto-agglutinins. Polskie arch. med. wewn. 27 no.8:1137-1146 1957.

1. Z III Kliniki Chorob Wewnętrznych A. M. w Krakowie Kierownik; prof. dr nauk med T. Tempka. Adres autora: Krakow II Klinika Chorob Wewnętrznych Kopernika 17.

(AMINOPYRIN, injurious effects,  
agranulocytosis with granulocyto-agglutinins (Pol))

(AGRANULOCYTOSIS, etiology and pathogenesis,  
aminopyrine, presence of granulocyto-agglutinins (Pol))

DOLEZAL, Marian; GODLEWSKI, Wieslaw; KOWALCZYK, Mieczyslaw; SZARDINSKI, Tadeusz

Proteinogram and Sabin-Feldman color test. Wiadomosci parazyty., Warsz.  
4 no.5-6:405-406; Engl. transl. 406-408 1958.

1. Z Zakladu Mikrobiologii Ak. Med. i II Kliniki Chor. Wewn. Ak. Med.  
w Krakowie.

(BLOOD PROTEINS, determination,  
Sabin-Feldman color test (Pol))

TEMPKA, Tadeusz; CEMBALA, Damian; KOWALCZYK, Mieczyslaw; URASINSKI, Ignacy.

Phase contrast and dark field microscopy of pituitary biopsy,  
with special reference to the behavior of neurosecretion. Acta  
med. pol. 5 no.1:1-14 '64

1. Commission of Medical Sciences of the Cracow Branch of the  
Polish Academy of Sciences (Director: Prof.Dr. T.Tempka) and  
IIInd Clinic of Internal Diseases, Medical Academy, Cracow  
(Director: Prof.Dr. T.Tempka).

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